

NATRADZE, A.G.; AVROROVA, Ye.A.

New method of obtaining narcotine from the opium press. Khim.
i med. no. 12:31-32 '59. (MIRA 13:10)
(NARCOTINE)

GEL'PERIN, N.I.; NATRADZE, A.G.; TOKAREVA, S.A.

Improvement in the method of obtaining santonin. Khim. i med.
no. 12:33-40 '59. (MIRA 13:10)

(SANTONIN)

NATRADZ A.C.: BERUFEL'D, M.I.

Pharmaceutical industry in 1959. Med.prom. 13 no.7:3-6
J1 '59. (MIRA 12:10)
(DRUG INDUSTRY)

NATRADZE, A.G. (Moskva)

Chemistry and microbiology. Antibiotiki 5 no. 5:309 S-0 '60.

(MIRA 13:10)

(CHEMISTRY, MEDICAL AND PHARMACUTICAL)

(MICROBIOLOGY)

GUSENKOV, P.V.; MATRADE, A.G.; KORZHENEVSKIY, E.S.; RUBTSOV, M.V.; PERSHIN,
G.N.; MAGIDSON, O.Yu.; KRAFT, M.Ya.; YAKOVLEV, Ye.V.; SMIRNESKIY, S.P.

M.D. Riazantsev; obituary. Med.prom. 14 no.2:64 P '60.

(MIRA 13:5)

(RIAZANTSEV, MIKHAIL DMITRIYEVICH, 1892-1960)

KATRADZE, A.G.

Approaching the All-Union Meeting of Drug Industry Workers.
Med.prom. 14 no.6:3-6 Je '60. (MIRA 13:6)
(DRUG INDUSTRY)

NATRADZE, A.G., kand.tekhn.nauk

For human health. Farm.1 toks. 23 no.3:191-194 My-Je '60.

(MIRA 14:3)

(PUBLIC HEALTH)

NATRADZE, A.G.; SHUSTOV, V.M., red.; MATVEYEVA, M.M., tekhn. red.

[Manufacture of drugs and medical apparatus from 1959-1965] Pro-
izvodstvo lekarstvennykh preparatov i izdelii meditsinskoi tekhniki
v 1959-1965 gg. Moskva, Medgiz, 1961. 63 p. (MIRA 14:11)
(DRUG INDUSTRY) (MEDICAL INSTRUMENTS AND APPARATUS)

NATRADZE, A. G. (Moskva)

Medical industry is necessary for Soviet public health. Klin. med.
no.6:3-6 '61. (MIRA 14:12)

(PUBLIC HEALTH) (DRUG INDUSTRY)

NATRADZE, A.G.; BERNFEL'D, M.I.

Medical industry of the U.S.S.R. in 1960.. Med. prom 15 no.8:3-7 Ag
'61. (MIRA 14:12)

(DRUG INDUSTRY)

NATRADZE, A.G.; BAYCHIKOV, A.G.

For a higher level of research. Med.prom. 15 no.9:12-16 S '61.
(MIRA 14:9)

(PHARMACEUTICAL RESEARCH)

← NATRADZE, A.G.

Some production and scientific problems in the field of anti-
biotics. Antibiotiki 7 no.9:771-776 S '62. (MIRA 15:12)
(ANTIBIOTICS) (DRUG INDUSTRY)

NATRADZE, A.G.

"Medicines, their prices and supply to the population of the USSR."

Report submitted to the Conf. on the Application of Science and Technology
for the Benefit of the Less Developed Areas.
Geneva, Switzerland 4-20 February 1963

NATRADZE, A.G.; SELIVANOV, A.I.

Some problems in the preparation of ready-made drugs and prospects
of its development. Med. prom. 17 no.9:3-6 S'ov. (1974)

NATRADZE, A.G., kand. tekhn. nauk

Medicinal preparations and development of the chemopharmaceutical
industry in the U.S.S.R. Zhur. VEH0 10 no. 6:602-606 '65
(VIRA 19:1)

NATRADZE, D.A.

Method of temporary occlusion of the pulmonary artery. Eksp.
khir. i anest. 6 no.5:39-41 S-O '61. (MIRA 15:3)

1. Iz otdeleniya patologii i khirurgii malogo kruga krovoobrashche -
niya (zav. - dotsent M.I. Perel'man) Instituta eksperimental'noy
biologii i meditsiny Sibirskogo otdeleniya (dir. - prof. Ye.N.
Meshalkin) AN SSSR.

(PULMONARY ARTERY--LIGATION)
(LUNGS--SURGERY)

NATRADZE, D.A.; PEREL'MAN, M.I., dotsent

Catheterization with occlusion of the pulmonary artery as a method for the temporary arrest of pulmonary hemorrhage before pulmonary resection in tuberculosis. Khirurgiia no.1:93-96 '62.

(MIRA 15:11)

1. Iz otdeleniya patologii i khirurgii malogo kruga krovoobra-
shcheniya (zav. - dotsent M.I. Perel'man) Instituta eksperimental'-
noy biologii i meditsiny (dir. - prof. Ye.N. Meshalkin) Sibir-
skogo otdeleniya AN SSSR i Moskovskoy klinicheskoy tuberkuleznyy
bol'nitsy "Zakhar'ino" (glavnyy vrach V.P. Petrik).

(PULMONARY ARTERY) (TUBERCULOSIS) (HEMORRHAGE)

NATRADZE, D. A.; IVANOVA, S. V.

Successful resuscitation in clinical death occurring twice
following pneumonectomy. Eksper. khir. i anest. no.2:44-45
'62. (MIRA 15:6)

1. Iz otdeleniya patologii i khirurgii malogo kruza krovo-
obrashcheniya (zav. - dotsent M. I. Perel'man) Instituta eksperi-
mental'noy biologii i meditsiny (dir. - prof. Ye. N. Meshalkin)
Sibirskogo otdeleniya AN SSSR.

(LUNGS—SURGERY) (RESUSCITATION)
(DEATH, APPARENT)

NATRADZE, D.A.; OVRUTSKIY, L.S.; SHAFER, E.S.

Method of "immobile" angiopulmography. Zhur. eksp. i klin. med.
3 no.2:65-70'63. (MIRA 16:10)

1. Institut eksperimental'noy biologii i meditsiny Sibirskogo
otdeleniya AN SSSR.
(ANGIOGRAPHY) (LUNGS — BLOOD SUPPLY)

KABANOV, A.N.; NATRADZE, D.A. (Moskva, Starokonyushenny pereulok, d.33, kv.25);
CHAPLYGINA, L.R.

Combined occlusion of the pulmonary artery and the main bronchus
of the injured lung as a method of a functional study in the
surgery of the lungs and the pleura. Grud. khir. 6 no.4:77-82
Jl-Ag '64. (MIRA 18 4)

1. Legochnaya khirurgicheskoye otdeleniye (zav. - doktor med.nauk
M.I.Perel'man) i laboratoriya fiziologii (zav. T.S.Vinogradova)
Instituta eksperimental'noy biologii i meditsiny (dir. - prof. Ye.N.
Meshalkin) Sibirskogo otdeleniya AN SSSR, Novosibirsk.

NATRIASHVILI, D.S.

Study of the characteristics of morphologic and functional
changes in the retained testicle. Soob. AN Gruz. **SSR 33**
no.3:687-694 Mr '64 (MIRA 17:8)

NATRIASHVILI, D.S.

Etiology, pathogenesis and clinical of cryptorchidism. Soob.
AN Cruz. SFR 34 no. 1-197-204 Apr 64 (MIRA 1787)

USSR/Foreign Animals. Small Domestic Stock.

Ref: Ref Zhurnal. No. 10. 1990, 1991.

Author : Metreskhili, N.G., Kopiasvili, G.M., Kuridze, M. M.
Inst : Scientific Research Institute for Animal Husbandry,
Georgian SSR.

Title : The Lincoln breeding of a Georgian Sheep Stock in
Relation to Future Improvement.

Orig Pub: Sb. sr. V.-1. in-ta zaimetovedstva. Grazdsh. 1991.
2, 152-165.

Abstract: Three lines of Georgian sheep breeds are characterized.
These are lines of the No. 1 29/0414 "Rkacha-Angala"
ram, No. 1 309/500 "Rkacha" ram and the No. 1 355
"Vagan" ram. Breeding should be conducted in order to
increase the thickness and length of the wool as well
as to improve its quality. -- Ya. L. Glenditskiy.

Card : 1/1

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NATROSHVILI, A.G.

Q-4

USSR/Farm Animals - Small Horned Stock.

Abs Jour : Ref Zhur - Biol., No 1, 1958, 2593

Author : A.G. Natroshvili

Inst : -

Title : Concerning the development of Sheep Breeding with Semi-Fine Wool in the Georgian SSR, With Reference to Sheep with Semi-Fine Wool.

Orig Pub : Ovtsevodstvo, 1957, No 5, 25-28

Abstract : In a system which provides for keeping the flocks on mountain range, the sheep of the Georgian breed with semi-fine wool, proved to be the best adapted to pasturages at high altitudes. These animals mature early, provide meat of a high quality. The wool of these sheep is uniform, semi-fine has a quality of 50-58. The average wool yield is 3.2 kilograms. The conversion of sheep with coarse wool and low productivity may be made by cross breeding the

Card 1/2

GOGUAZE, V.P.; IVANOV, T.N.; GIBULASHVILI, N.I.; KVECHLAVA, I.N.
NATROSHVILI, D.R.; PANATASHVILI, A.G.

Solubility of hydroxylated polyethylene glycol in water and the
separation of the polyethylene glycol complex system
Soc. AN Gruz. SSR. 1984. 1984-1984. No. 184. (MIRA 18:5)

1. Institute of Chemistry and Technology. AN Gruz. SSR, Tbilisi.
Submitted since 15. 1984.

GOGUADZE, M.P.; IVANOV, T.N.; VITUL'SKAYA, N.V.; NATPOSHVILI, D.P.;
KALASHOVA, I.M.

Permanganate number, fusibility, and refractive index of the
system ϵ -caprolactam - cyclohexanoxime. Soob. AN Gruz. SSR
38 no.2:303-308 My '65. (MIRA 18:9)

1. Institut prikladnoy khimii i elektrokhimii AN GruzSSR,
Tbilisi. Submitted June 15, 1964.

NATROVA, Zdenka, prom.biolog; NATR, Lubomir, prom.biolog

Information on the plant physiology and cytology acquired in the Soviet Union. Vestnik CSAZV 8 no.10:566-569 '61.

1. Vyskumny ustav obilnarsky Ceskoslovenske akademie zemedelskych ved, Kromeriz.

(Botany)

NATR, Lubomir, promovany biolog; NATROVA, Zdenka, promovany biolog

Some information on plant physiology from Austria. Vestnik vyzk
zemedel 9 no.8:398-403 '62.

1. Vyzkumny ustav obilnarsky, Kromeriz.

NATHUS, A.A.

Evaluation of precipitation as a component of the water balance
of reservoirs and lakes. Trudy GGI n. 113:12-14, 1964.

1964, 114, 1

BALAKINA, L.M.; BULMASOV, A.P.; DUVZHIR, G.; YESKIN, A.S.; KURUSHIN, R.A.; LOGACHEV, N.A.; LUK'YANOV, A.V.; NATSAG-YUM, L.; SOLOMONENKO, V.P., prof.; TRESKOV, A.A.; FLORENISOV, N.A.; KHIL'KO, S.D.; SHMOTOV, A.P.; ARSEN'YEV, A.A., red. & zd-va; DOROKHINA, I.N., tekhn. red.

[Gobi Altai earthquake] Gobi-Altaiskoe zemletresenie. Moskva, Izd-vo Akad. nauk SSSR, 1963. 390 p. (MIRA 16:5)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Vostochno-Sibirskiy geologicheskoy institut. 2. Chlen-korrespondent Akademii nauk SSSR (for Florensov).
(Gobi Altai--Earthquakes)

NATSARASHVILI, A., kand. sel'skokhoz. nauk

Zineb in viticulture. Zashch. rast. ot vred. i bol. 10 no.3:24
'65. (MIRA 19:1)

1. Gruzinskiy institut sadovodstva, vinogradarstva i vinodeliya.

NAT SARTSHUL, A. S.

USSR

~~Tests of the fungicide A. S. Sartshul~~
~~Patent 4, 196, 000, U.S.S.R. No. 7, 1~~
Thiocyanoacetic acid (1% suspension, with
and without Cu added) is an effective fungicide against vine
rot in 1% Bordeaux solution. However, some vine
varieties, sensitive to this fungicide, show strong burn of leaves
and even a total withering of the tips of shoots. K. W.

NATSARASHVILI, L. S.

Natsarashvili, L. S. "Material on the study of gray rot in vineyards (*Botrytis Cinerea* Pers.)", Trudy In-ta vinogradarstva i vinodeliya (Akad. Gruz. SSR), Vol. 7, 1949, p. 109-42, (In Georgian, resume in Russian), -Bibliog: 31 items.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

NATSCHETT, B.

210

11. "On the Disease in Some Swine Herds of the German Democratic Republic," Dr. L. REISS, in: Archiv für Tierärztliche Wissenschaften (Institute for State Veterinary Science, Veterinary Medicine, Institute for Experimental Pathology, Institute for Bacteriology, Institute for Pathology of the Herd) by University (Hartmann-Weinert), Leipzig (Director: Prof. Dr. L. REISS), pp. 412-415.
12. "Short Report on the Occurrence of Suspected Cases of H. swine Disease," Dr. E. KERN of the Federal Animal Clinic (Medicine) (Institute of the Federal University, Veterinary Medicine) in Berlin (Director: Prof. Dr. A. JENSEN), pp. 421-422.
13. "On the Prevention and Treatment of Suspected Disease of Children by Means of Salivary," Dr. J. WILHELM, in: Archiv für Tierärztliche Wissenschaften (Institute for State Veterinary Science, Veterinary Medicine, Institute for Experimental Pathology, Institute for Bacteriology, Institute for Pathology of the Herd) by University (Hartmann-Weinert), Leipzig (Director: Prof. Dr. L. REISS), pp. 423-424.
14. "On the Feeding of Swine in the German Democratic Republic," Dr. K. WILHELM, in: Archiv für Tierärztliche Wissenschaften (Institute for State Veterinary Science, Veterinary Medicine, Institute for Experimental Pathology, Institute for Bacteriology, Institute for Pathology of the Herd) by University (Hartmann-Weinert), Leipzig (Director: Prof. Dr. L. REISS), pp. 425-426.
15. "The Time of Last Separation from a First-Genetinal Point of View," Dr. W. WILHELM, in: Archiv für Tierärztliche Wissenschaften (Institute for State Veterinary Science, Veterinary Medicine, Institute for Experimental Pathology, Institute for Bacteriology, Institute for Pathology of the Herd) by University (Hartmann-Weinert), Leipzig (Director: Prof. Dr. L. REISS), pp. 427-428.

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GSI: 2000-1

HUNGARY

NATSCHEFF, B., GEORGE, F., BRATANOFF, K., TCHOUKOFF, P., Veterinary Academy Medical Clinic and Clinic of Natonscheff, B., professor; and Institute of Artificial Insemination and Breeding Diseases (director: BRATANOFF, K., professor) (original language version not given).

"Data on the Selenium Therapy and Prophylaxis of Enzootic Heart- and Skeletal Muscle Dystrophy of Lambs."

Budapest, Acta Veterinaria Academiae Scientiarum Hungaricae, Vol XIII, No 1, 1963, pages 11-13.

Abstract: [German article, authors' German summary] Selenium, in forms of Na selenite or selenium dioxide, in amounts of 1 mg was given to about 2000 lambs suffering from enzootic heart- and skeletal muscle dystrophy as well as to about 120,000 healthy lambs. Selenium proved to be a very good therapeutic and prophylactic compound. Within 2-5 days after the administration, 70-90 per cent of the diseased animals recovered. Among the healthy animals no new disease was discovered 2-3 days after the selenium administration. The prophylactic treatment had to be repeated 3-4 weeks later, in a few animals only. The treated lambs were in better condition than the untreated ones. Doses of 30 mg Na selenite and 10 mg selenium dioxide per kg body weight were toxic to the lambs. 1 Eastern European, 12 Western references.

1/1

1. The following information is being provided for your information:

2. This information is being provided for your information.

3. The following information is being provided for your information:

KAYNARSKIY, I.S.; ORLOVA, I.G.; PROKOPENKO, M.I.; NATSENKO, A.I.

Hardening of a raw corundum brick during firing. Ogneupory
30 no.12:28-33 '65. (MIRA 18:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov.

NATSENTOV, D. I.

Progressive potato growers Moskva Moskvoskii rabchii, 1949. 105 p.

ctY

NATSENTOV, D. I.

Cucumbers

Large cucumber harvest in hothouses. Sad 1 og, no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 195²~~1~~, Uncl.

1. NATSENTOV, D. I.
2. USSR 600
4. Plant Propagation
7. Mass experiment in growing transplants in pots, Sad i og., No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

NATSENTOV, D. I.

Correct cultivation of the protected ground; crop rotations for protected grounds applicable to conditions in central and northern regions. Moskva, Gos. izd-vo selkhoz, lit-ry, 1954. 15 p. (Biblioteka obmena opytom peredovikov sel'skogo khoziaistva)

NATSENTOV, D. I.

Cauliflower; principles of biology and cultivation practices. Izd. 2., is r. i pos.
Moskva, Gos. izd-vo sel'sk. i lit-ry, 1956. 108 s.

NATSENTOV, D.I., kandidat sel'skokhozyaystvennykh nauk; MKRTCH'YAN, V.S.,
kandidat sel'skokhozyaystvennykh nauk; ARKHANGEL'SKIY, P.Ye.,
inzhener; NOSKOV, B.G., arkhitekt; KRASNOSHCHENKOV, N., redaktor;
LIL'YE, A., tekhnicheskii redaktor

[Greenhouses, hotbeds and heated soil] Teplitsy, parniki, uteplennyi
grunt. [Moskva] Moskovskii rabochii, 1956. 246 p. (MIRA 9:9)

1. Nauchno-issledovatel'skiy institut ovoshchnogo khozyaystva (for
Natsentov, Mkrtch'yan) 2. Respublikanskiy gosudarstvennyy institut
proyektirovaniya sovkhovnykh predpriyatiy - Rosgiprosovkhozstroi
(for Arkhangel'skiy). 3. Vsesoyuznyy gosudarstvennyy institut
proektirovaniya sel'skokhozyaystvennykh predpriyatiy - Soyuzgipro-
sel'khoz (for Noskov)
(Hotbeds) (Soil heating) (Greenhouses)

NATSEKTOV, D.I., kandidat sel'skokhozyaystvennykh nauk.

Greenhouse management. Nat. v shkole no.5:10-17 8-0 '56.

(MIRA 9:10)

1. Nauchno-issledovatel'skiy institut ovoshchnogo khozyaystva.
(Greenhouse management)

INATSON 4-24 10:11:11 10:11:11

NATSENTOV, Dmitry Ivanovich, kand. sel'skokhozyaystvennykh nauk;
KATSNEL'SON, S.M., red.; **GUBIE, M.I.**, tekhn.red.

[Fresh, cheap vegetables all the year around; ways of increasing vegetable yields and lowering cost] *Svazhie deshevye ovoshchi - kruglyi god: puti povysheniya urozhainosti ovoshchei i snizheniya ikh sebestoimosti. Moskva, izd-vo "Znanie," 1957. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh i nauchnykh znaniy. Ser.5, no.20)*

(MIRA 10:11)

(Vegetable gardening)

SOV/112-59-3-5147

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 3, p 122 (USSR)

AUTHOR: Chekunova, Z. I., Vashchenko, S. F., and Natsentov, D. I.

TITLE: Operating Experience With and Comparative Evaluation of Reinforced-Concrete-Frame Hotbeds Having Various Systems of Heating
(Opyt ekspluatatsii i sravnitel'naya otsenka parnikov s zhelezobetonnyimi parubnyami i razlichnymi sistemami tekhnicheskogo obogreva)

PERIODICAL: Byul. nauchno-tekhn. inform. N.-i. in-ta ovoshchn. kh-va, 1957, Vol 2, pp 23-26

ABSTRACT: After a 3-year testing of hotbeds, the following conclusions were drawn: (1) reinforced-concrete frames are preferable to wooden; (2) the best heating method proved to be central water heating with 3-5 atm steam; (3) hotbeds with electrode-type heating are simpler and cheaper than others. Electric-energy consumption per sash for the season from the beginning of March is about 80 kw-hr, and from mid-March, 40 kw-hr. Roof-iron electrodes can

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SOV/112-59-3-5147

Operating Experience With and Comparative Evaluation of Reinforced-Concrete

serve for 2 seasons. Connecting wires should be of copper because aluminum wires crumble. The standard electric-heating project must be revised: safety of personnel, as well as other improvements, must be secured. Technically-heated hotbeds require 2-2.5 times less labor than biological-fuel hotbeds. The CO₂ content in the technically-heated hotbeds should be artificially increased. The article presents a table giving a comparison of characteristics of hotbeds with various methods of heating and giving coal consumption for central water heating.

L.G.P.

Card 2/2

^T
NATSENOV, D.I.

[Vegetable gardening on protected soil]Ovoshchevodstvo
zashchishchennogo grunta. Moskva, Gos.izd-vo sel'khoz.lit-
ry, zhurnalov i plakatov, 1961. 398 p. (MIRA 15:8)
(Vegetable gardening) (Greenhouse management)

NATSETOV, D.I., kand.sel'skokh.nauk.; VASHCHENKO, S.F., kand.sel'skokh.
nauk; NIKONOVA, N.A., kand. sel'skokh. nauk; CHEKUNOVA, Z.I.,
kand. sel'skokh. nauk; FAYNBERG, L.S., nauchnyy sotrudnik;
GAVRIL'YEV, I.G., aspirant; VASIL'YEVA, Ye., red.; POKHLEBKINA, M.,
tekhn. red.

[Advanced practices for vegetable growing under glass] Peredovoi
opyt ovoshchevodov zashchishchennogo grunta. Moskva, Mosk.
rabochii, 1962. 102 p. (MIRA 16:6)

1. Sotrudniki Nauchno-issledovatel'skogo instituta ovoshchnogo
khozyaystva (for all except Vasil'yeva, Pokhlebkina).
(Moscow Province--Vegetable gardening)
(Greenhouse management)

KIKODZE, S.L.; PAPUA, T.L.; NABAKHIDZE, N.Ye.

Dissemination of *Escherichia coli* in the
Zvez. mikrobiol., epid. i immu. 1977.

1. Tbilisskaya gosudarstvennaya universitet.
Det. 31, 1977.

ARBUZOV, Yu.N.; ARBUZOV, L.S.; GIDALEVICH, B.A. ; POPOV, V.S.,
red.; NATSIK, P.T., red.; YAITSKIY, G.G., red.;
KORNEANT, K..., red.

[Building materials of Kherson Province; mineral raw
material base] Stroitel'nye materialy Khersonskoi ob-
lasti; mineral'no-syl'evaia baza. Kiev, Gosstroizdat
USSR, 1964. 102 p. (MIRA 17:9)

1. Dneprogeologiya, trust.

ACCESSION NR: AP4011760

S/0151/64/006/001/0228/0235

AUTHORS: Kosovich, A. M.; Natsik, V. D.

TITLE: Elastic field of continuously distributed moving dislocation loops

SOURCE: Fizika tverdogo tela, v. 6, no. 1, 1964, 228-235

TOPIC TAGS: elastic field, dislocation, dislocation loop, moving dislocation loop, Burgers vector, Green tensor, acoustical field

ABSTRACT: The simplest and most frequently observed distribution of dislocations is that in which macroscopically small elements of the medium contain a great number of dislocation loops and in which there is no full Burgers vector of all dislocations in the body. This latter is equivalent to the absence of macroscopic plastic deformation of the body. In an approximation, linear according to dislocation velocity, expressions have been obtained for the field of displacement and deformation created by a system of moving dislocation loops in an isotropic medium. The authors have investigated the elastic field in an infinite anisotropic medium at remote distances from the system of dislocation loops. They have found the asymptotic Green tensor of the dynamic equation of elastic theory for arbitrary

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ACCESSION NR: AP4011760

anisotropic media and have plotted an acoustical field of radiation for the dislocation system. "The authors thank L. M. Lifshits for useful discussions." Orig. art. has: 34 formulas.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN UkrSSR, Khar'kov (Physical and Technical Institute AN UkrSSR)

SUBMITTED: 24Jul63

DATE ACQ: 14Feb64

EXCL: 00

SUB CODE: PH

NO REF SOV: 004

OTHER: 001

Card 2/2

L 24916-65 EWT(1)/EWT(m)/T/EWP(t)/EWT(L)-2/EWP(b) IJP(c) JD

ACCESSION NR: AP5003410

8/0181/65/007/001/0033/0041

AUTHORS: Kosevich, A. M.; Natsik, V. D.

TITLE: Equation of motion of dislocations in anisotropic media

SOURCE: Fizika tverdogo tela, v. 7, no. 1, 1965, 33-41

TOPIC TAGS: dislocation motion, stress tensor, effective mass, anisotropic medium, dislocation line, dislocation density

ABSTRACT: The method proposed by one of the authors (Kosevich ZhETF v. 43, 637, 1962) for deriving the equation of motion of a dislocation loop, based on notions of the field nature of the equation of motion of the dislocation, is applied in this article to determine the effective mass in the general case of an arbitrary anisotropic medium. The method reduces to determining the dynamic part of the self-action of the dislocation loop and separating its logarithmic singularity, to which end a general expression is derived

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ACCESSION NR: AF5003410

for the tensor of the stresses produced by a system of moving dislocations, in an approximation linear in the dislocation velocity. This tensor is then used to derive the dislocation effective-mass density tensor for an arbitrary anisotropic medium. An expression is then derived for the effective-mass density of a dislocation line of arbitrary form, moving in a cubic crystal with small anisotropy. Orig. art. has: 38 formulas.

ASSOCIATION: Fiziko-Tekhnicheskiy institut AN UkrSSR (Physicotechnical Institute AN UkrSSR)

SUBMITTED: 08Jun64

INCL: 00

SUB CODE: SS

NR REF SOV: 004

OTHER: 003

Cord

2/2

L 29962-66 FWT(1)/T IJP(c) GG

ACC NR: AP6012493

SOURCE CODE: UR/0181/66/008/004/1250/1259

AUTHORS: Kosevich, A. M.; Natsik, V. D.

ORG: Physicotechnical Institute, AN UkrSSR (Fiziko-tekhnicheskii Institut AN UkrSSR); Physicotechnical Institute of Low Temperatures, AN UkrSSR, Khar'kov (Fiziko-tekhnicheskii Institut nizkikh temperatur AN UkrSSR)

TITLE: Deceleration of dislocations in a medium having dispersion of the elastic moduli

SOURCE: Fizika tverdogo tela, v. 8, no. 4, 1966, 1250-1259

TOPIC TAGS: elastic modulus, crystal dislocation phenomenon, energy scattering, relaxation process, crystal symmetry, acoustic damping

ABSTRACT: In view of the lack of a consistent theory of deceleration of dislocations, brought about by the discrete structure of the crystal in which the dislocation moves, the authors consider the deceleration of a moving linear dislocation in a continuous medium, resulting from macroscopic processes of dissipation of elastic energy. The method used is similar to the electrodynamic calculation of ionization losses of charge particles passing through a medium. The problem is solved in first approximation for a linear dislocation moving with constant velocity in a medium with arbitrary symmetry, this is followed by derivation of a

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L 29962-66

ACC NR: AP6012493

/
general expression for the dislocation force in an isotropic medium. By way of an example, simple formulas are obtained for the dislocation deceleration force due to relaxation processes with several characteristic relaxation times. In the case of the isotropic medium, the deceleration force is expressed directly in terms of the sound-wave damping coefficients. The dependence of the dislocation deceleration on the dislocation velocity is analyzed and it is shown that this relation $f = f(V)$ may be nonmonotonic. The dislocation velocity corresponding to the maximum on the $f(V)$ curve is determined by the relaxation time of the dissipation mechanism. The authors thank I. N. Lifshits for a discussion of the work and for valuable remarks. Orig. art. has: 1 figure and 26 formulas.

SUB CODE: 20/ SUBM DATE: 14Jun65/ ORIG REF: 007/ OTH REF: 006

Cord

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L 05627-67 EWT(1)/EWT(m)/T/EWP(t)/ETI LJP(c) JD/GG

ACC NR: AP6024499

SOURCE CODE: UR/0181/66/008/007/2244/2246

AUTHOR: Natsik, V. D.

ORG: Physicotechnical Institute of Low Temperatures, AN UkrSSR, Khar'kov (Fiziko-
tekhnicheskiiy institut nizkikh temperatur AN UkrSSR)

TITLE: Radiation deceleration of dislocation loops

SOURCE: Fizika tverdogo tela, v. 8, no. 7, 1966, 2244-2246

TOPIC TAGS: crystal dislocation phenomenon, deceleration, radiation effect

ABSTRACT: The author derives an expression describing the force of radiative deceleration of a dislocation loop of arbitrary shape, undergoing accelerated motion in an unlimited ideally elastic isotropic medium. The calculation is based on a general method of calculating the dynamic characteristics of dislocations, used earlier by A. M. Kosevich (UFN v. 84, 579, 1964) to calculate the effective mass, and based on the notion that the dynamic properties of the dislocation are determined by its self-action. The radiation deceleration force is obtained from the third term of the expansion of the stress field produced by the dislocation in the elastic medium in powers of the small parameter V/c , where V is the velocity of dislocation and c the speed of sound. It is shown that the force acting on an individual element of the

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ACC NR: AP6024499

WTSK, T.O. 1000, 1.8

Following the meeting, the following information was obtained from the
transcripts of the meeting: (1) The meeting was held on 10/18/73 at 18:30.
10/18/73, 18:30.

1. Discussion of the meeting was held on 10/18/73 at 18:30.
Bogumil was the main speaker.

NATSIK, V.G. [Natsyk, V.H.]

Motor function of the esophagus under normal conditions and during pathological changes. Fiziol. zhur. [Ukr.] 9 no.4: 550-552 J1-Ag '63. (MIRA 17:10)

1. Laboratoriya fiziologii pishchevareniya Instituta fiziologii im. Bogomol'tsa AN UkrSSR, Kiyev.

NATSIK, V.G. [Natsyk, V.H.]

Combined stimulator and time recorder for physiological research.
Fiziol. zhur. [Ukr.] 8 no.2:266-267 Mr-Apr '62. (MIRA 15:5)

1. Laboratoriya fiziologii pishchevareniya Instituta fiziologii
im. A.A.Bogomol'tsa AN USSR, Kiev.
(PHYSIOLOGICAL APPARATUS)

NATSIYEVSKIY, YU., inzh.

Diatomite concrete based on perlite "sand" for wall slabs. Bud.
mat. i konstr. 4 no. 6:33-35 M-D '62. (MIRA 15:12)
(Concrete walls) (Lightweight concrete—testing)

NATSKAYA, L.I.

Work of aid councils in children's hospital of Bryansk Province.
Zdrav.Ros.Feder. 3 no.2:32-33 P '59. (MIRA 12:2)

1. Glavnyy pediater Bryanskoy oblasti.
(BRYANSK PROVINCE--CHILDREN--HOSPITALS)

NATSKAYA, L.I.

Conference on public health on Bryansk Province. Zdrav. Ros. Feder.
4 no.8:41-42 Ag '60. (MIRA 13:9)

1. Korrespondent zhurnala "Zdravookhraneniye Rossiyskoy Federatsii."
(BRYANSK PROVINCE—PUBLIC HEALTH)

NATSKAYA, L.I.

Meeting of physicians of two generations. Zdrav. Ros. Feder. 5
no. 4:44-45 Ap '61. (MIRA 14:4)
(PUBLIC HEALTH)

DAVRILYUK, B.K., NATSEKII, K.V.

Typification of the form of hemorrhagic infectious diseases in the Maritime Territory. Trudy VladFEMG no. 87. 9. 1971.

IM. PA. 18. 1

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta
epidemiologii, mikrobiologii i gigieny i Primorsky krayey
sanitarno-epidemiologicheskoy stantsii.

BELIKOVA, N.P. NATSKIY, K.V.

Test of the effect of DDT on replete females and larvae of the
Ixodes ticks. Trudy VladFMI no.20123-116 1962.

M.RA 18

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta
epidemiologii, mikrobiologii i gigieny i Primorskoy sanitarno-
epidemiologicheskoy stantsii.

GAVRILYUK, B.K.; NATSKIY, K.V.

Some results of virological studies of the foci of hemorrhagic
infectious nephrosonephritis in the Maritime Territory. Trudy
VladIEMG no.2:240-242 '62. (MIRA 18:3)

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta
epidemiologii, mikrobiologii i gigiyeny.

BEREZOVSKAYA, N.N.; GALKINA, A.F.; GORBUNOVA, V.I.; MATSKO, S.N.

Possibility for the enrichment of sugar with vitamin C. ^{Vop.pit.}
15 no.5:76-77 S-0 '56. (MLRA 9:11)

1. Iz A.D.Ye. - vitaminnogo otdela (zav. - prof. S.N.Matsko)
Gosudarstvennogo nauchno-issledovatel'skogo instituta vitaminologii
Ministerstva zdavookhraneniya SSSR, Moskva.

(VITAMIN C,
sugar enrichment (Rus))
(CARBOHYDRATES,
sugar enrichment with vitamin C (Rus))

PAPARCHEV, Naiden, inzh.; STOIANOV, Todor; NATSKOV, Strakhil, inzh.

Measures for the reduction of wear and tear in the heating surface of the boiler aggregates at the Thermoelectric Plant Republika.
Electroenergiia 13 no.1:18-20 Ja '62.

NATSKOV, Strakhil, inzh.

Increased pressure and diminished wear of the ~~axial~~ smoke-sucking ventilators of the system "Schicht." Elektroenergiia 13 no.3:21-24 Mr '62.

1. Toploelektricheska tsentrala "Republika".

KUZ'MIN, A.I.; NATSUK, N.S.

Practice in plotting maps of underground waters as a basis for
designing wells; as exemplified by the Cherkass Agricultural
Administration, Omsk Province. Izv. Omsk. otd. Geog. ob-va
no.6:13-16 '64. (12:7)

NATSVALOVA, Z. A.

Dissertation: "Preparing the New Hydraulic Binder 'Azerbaydzhan Cement.'" Sand Tech Sci, Azerbaydzhan Sci Res Inst of Construction Materials and Structures, Baku, 1953. Referativnyy Zhurnal--Khimiya, Moscow, No 14, Jul 54.

SO: SUM No. 356, 25 Jan 1955

MATSVALOVA, Z. A.
MATSVALOVA, Z. A. kand.tekhn.nauk (Baku)

Azerbaijan cement, a local building material. Gor.i sel.stroi.
no.8/9:22 Ag-S '57. (MIRA 10:12)

(Azerbaijan--Cement)

NATSVALOVA, Z.A.

Plants of a laboratory. Stroimaterialy. 6 no.1:30-31
Ja '60. (MIRA 13:5)

1. Rukovoditel' laboratorii stroitel'nykh materialov
Krasnodarskogo filiala Nauchno-issledovatel'skogo instituta
stroitel'noy promyshlennosti.
(Krasnodar Territory--Binding materials)

FEDOROV, A.A.; BOL'SHAKOV, A.Yu.; SOKOLOV, M.M.; NATSVIN, A.N.;
PAVLYUKOVICH, Ye.A.

Principal results of work on using the ~~gamma~~-ray scattering
method in a Central Asian mercury mine. Uch. zap. SAIGIMSa
no.8:53-58 '62. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut razvedochnoy
geofiziki i Yuzhnyy gornometallurgicheskiy kombinat im. Frunze.

NA TSVIN, A. V.

33232. Sushka Vinograda Po Sposobu "Obdzhush" Bez Promyvaniya. Vinodeliye i Vinogradarstvo SSSR, 1949, No. 10, c. 38-39

SO: Letopis' Zhurnal'nykh statey, Vol. 45, Moskva, 1949

NATSVIN, A. V.

Natsvin, A. V. -- "Study of the Currant-maisin Varieties and Methods of Drying the Grape in the Uzbek SSR." Moscow Order of Lenin Agricultural Acad imeni K. A. Timiryazev, Moscow, 1955 (Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No. 24, Moscow, Jun 55, pp 91-104

NATSYIN, A. V.

Physical and chemical changes in grapes during sun drying. Konz. i
ov. prom. 13 no.7:24-27 JI '58. (MIRA 11:6)

1. Samarkandskiy filial Uzbekskogo nauchno-issledovatel'skogo insti-
tuta sadovodstva, vinogradarstva i vinodeliya.
(Grapes-- Drying)

NATSVIN, A.V.

~~Central Asian varieties of grapes suitable for canning.~~ Kons. 1
ov. prom. 13 no.10:33-34 0 '58. (MIRA 11:10)

1. Samarkandskiy filial Uzbekskogo nauchno-issledovatel'skogo instituta
sadovodstva, vinogradarstva i vinodeliya.
(Uzbekistan--Grapes--Varieties)

NATSVIN, Aleksandr Vasil'yevich, kand. sel'khoz. nauk; KRIVONOSOVA,
N.A., red.; SOROKINA, Z.I., tekhn. red.

[Drying fruit and grapes in the open air and sunshine] Voz-
duzhno-solnechnaia sushka plodov i vinograda. Tashkent,
MSKh UzSSR, 1961. 41 p. (MIRA 15:7)

1. Samarkandskiy filial Instituta sadovodstva i vinogradarstva
im. R.R.Shredera Ministerstva sel'skogo khozyaystva Uzbekskoy
SSR (for Natsvin). (Uzbekistan--Fruit--Drying)

NATSVIN, A.V.; CHEREVATENKO, A.S.; VASIL'YEV, K.V.; PROTOSEVICH,
L.A.; CHERNOVALOVA, V.F.; LEPLINSKAYA, A.A.; FAYLOV, A.K.;
TASHMATOV, L.T.; SMIRNOV, P.K.; SOLDATOV, P.K.; KHAYDARKULOV, G.I.;
TSEYTLIN, M.G. kand. sel'khoz.nauk, KUZNETSOV, V.I., kand.
sel'khoz.nauk, otv. red.; KRIVONOSOVA, N.A., red.; SOROKINA, Z.I.,
tekhn. red.

[Best fruit and grape varieties for drying and preserving in the
southwestern regions of Uzbekistan] Luchshie sorta plodovykh i
vinograda dlia sushki i konservirovaniia v iugo-zapadnykh ob-
lastiakh Uzbekistana. Tashkent, MSKh UzSSR, 1961. 162 p.

(MIRA 15:7)

1. Institut sadovodstva i vinogradarstva im. R.R.Shredera. Sa-
markandskiy filial. 2. Samarkandskiy filial Instituta sadovod-
stva i vinogradarstva im. R.R.Shredera (for all except Kuznetsov,
Krivonosova, Sorokina).

(Uzbekistan--Fruit--Varieties)

(Uzbekistan--Grapes--Varieties)

NATSVIN, V.T.

NATSVIN, V.T. (Ol'khovskaya rayonnaya bol'nitsa Kurganskoy oblasti).

Fifty years of faithfully serving the public. Fel'd.1 akush. no.4:

55-56 Ap '54.

(MLRA 7:4)

(Chemiakin, Aleksandr Sergeevich, 1879-)

NATSVIN, V.T.

Indications for simultaneous gastrectomy and cholecystectomy; abstract.
Khirurgia 34 no.12:94 D '58. (MIRA 12:1)

1. Iz khirurgicheskogo otdeleniya Kurganskoy oblastnoy bel'nitsy.
(STOMACH--SURGERY) (GALL BLADDER--SURGERY)

NATSVIN, V.T.

Indications for Roux's anastomosis after resection of the stomach.
Khirurgiia 36 no.4:28-32 Ap '60. (MIRA 13:12)
(STOMACH—SURGERY)

NATSVIN, V.T.

Combined gastric resection in peptic ulcer. Sov.med. 26 no.8:56-
62, Apr '62. (MIRA 15:10)

1. iz khirurgicheskogo otdeleniya (avtor: kandyd.med.nauk ya.D.
Titel'kiy) Kurganskoy oblasti (soavtor: glavnyy vrach I.V.
Protchenko).

(STOMACH—SURGERY) (MIRA 15:10)

NATSVLISHVILI, A.A.

"Striped Disease of Barley (*Helmintosporium graminearum* Kubers.) and Measures to Combat It." Cand Agr Sci, Inst of Plant Protection, Acad Sci Georgian SSR, Tbilisi, 1954. (RZhFitol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SC: Sum. No. 556, 24 Jun 55

NATSELISHVILI, A.G., inzh.

Washing out the sediments from the settling basin of the Bagram-Tapinskiy Headworks. Gidr. i mel. 16 no.1:48-52 Ja '64. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii im. Kostyakova.

NATSVLISHVILI, A.A., kand.sel'skokhoz.nauk; SINYUKOV, V.P.; NASONOVA, M.V.,
kand.sel'skokhoz.nauk; PALIY, V.F., prof.; KOTLYAR, V.V., mladshiy
nauchnyy sotrudnik; LUPENKO, L.G.; DZIDZARIYA, O.M., ~~nauchnyy~~
sotrudnik

Brief information. Zashch. rast. ot vred. i bol. 8 no.8:55-57
Ag '63. (MIRA 16:10)

1. Gruzinskiy institut zashchity rasteniy, Tbilisi (for Natsvlishvili).
2. Oblastnaya laboratoriya biometoda, Brailov, Vinnitskoy obl.
(for Sinyukov).
3. Achikulakskaya lesnaya opytnaya stantsiya,
Maykop (for Nasonova).
4. Sary-Ohelekskiy zapovednik (for
Paliy, Kotlyar).
5. Batayskiy opornyy punkt Vsesoyuznogo instituta
zashchity rasteniy (for Lupenko).
6. Sukhumsкая opytnaya
stantsiya efiromaslichnykh kul'tur (for Dzidzariya).

KOROLEV, F.L., gvardii polkovnik meditsinskoy sluzhby; LITVINENKO, N.M.,
podpolkovnik meditsinskoy sluzhby; SHLYAKHOVOY, B.Ye., mayor
meditsinskoy sluzhby; NATSVLISHVILI, G.A., starshiy leytenant
meditsinskoy sluzhby. ~~_____~~

Effect of necrectomy on the course of thermal burns; experimental
studies. Voen-med. zhur. no.2:23-27 F '56 (MLRA 10:5)

(BURNS, experimental,
eff. of nephrectomy) (Rus)
(KIDNEYS, effect of excision,
on exper. burns) (Rus)

NATSVLISHVILI, G.A.

Some aortographic data in the diagnosis of diseases of the thoracic
aorta. Khirurgiia 74 no.1:92-97 Ja '58. (MIRA 11:3)

1. Iz kafedry gosspital'noy khirurgii (zav.-deystvitel'nyy chlen
AMN SSSR zasluzhennyy deyatel' nauki prof. B.V.Petrovskiy) i
Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.
Sechenova.

(ANGIOGRAPHY,

aortography, diag. value (Rus)

PETROVSKIY, B.V., prof. (Moskva, ul. Gor'kogo d.56 kv.100), NATSVLISHVILI, G.A.

Resection of the aortic isthmus in coarctation and patent ductus
arteriosus. Vest.khir. 81 no.7:119-121 J1 '58 (MIRA 11:8)

1. Iz gosspital'noy khirurgicheskoy kliniki (zav. - prof. B.V. Petrovskiy)
1-go Moskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova).
(COARCTATION OF AORTA, compl.
patent ductus arteriosus, surg. (Rus))
(DUCTUS ARTERIOSUS, PATENT, compl.
coarctation of aorta, surg. (Rus))

NATSVLISHVILI, G.A. (Moskva, Zh-147, ul. Taganskaya, d.43, kv.31)

Contrast study of the heart and vessels in the diagnosis of diseases
of the mediastinal organs. Nov.khir.arkh. no.6:45-49 N-D '59.

(MIRA 13:4)

1. Kafedra gosptal'noy khirurgii (zaveduyushchiy - deystvitel'nyy
chlen AMN SSSR prof. B.V. Petrovskiy) 1-go Moskovskogo meditsinsko-
go instituta.

(ANGIOCARDIOGRAPHY)

(MEDIASTINUM--DISEASES)

SOLOV'YEV, G.M.; NATSVLISHVILI, G.A.

Multiple artervenous fistuale of the lung. Khirurgia 35 no.9:
63-67 '59. (MIRA 13:12)
(FISTULA) (LUNGS---BLOOD SUPPLY)

NATSVLISHVILI, G. A., Cand Med Sci (diss) -- "Transcarotid aortography in the diagnosis of diseases of the thoracic aorta". Moscow, 1960. 14 pp (First Moscow Order of Lenin Med Inst im I. M. Sechenov), 200 copies (KI, No 10, 1960, 136)

TSORIONOV, B.I., kand.med.nauk; NATSVLISHVILI, G.A.

Some data on the surgical anatomy of the arch of the aorta and of the common carotid artery based on transcarotid aortography. Kaz. med. zhur. no.6:23-25 N-D '60. (MIRA 13:12)

1. Kafedra gospi'tal'noy khirurgii (zav. - dyestvitel'nyy chlen AMN SSSR prof. B.V. Petrovskiy) 1-go Moskovskogo meditsinskogo instituta imeni I.M. Sechenova. (CAROTID ARTERY) (AORTA—RADIOGRAPHY)

CHAN MAN'-TYU [Ch'ang Man-T'u]; NATSVLISHVILI, G.A.

Angiography in the diagnosis of tumors of the kidney. Urologia
25 no.1:48-52 Ja-F '60. (MIRA 15:6)

1. Iz urologicheskoy kliniki (zav. - prof. I.M. Epshteyn) i
kliniki gosital'noy khirurgii (zav. - deystvitel'nyy chlen
AMN SSSR prof. B.V. Petrovskiy) I Moskovskogo ordena Lenina
meditsinskogo instituta imeni I.M. Sechenova).

(KIDNEYS—TUMORS)

(ANGIOGRAPHY)

NATSVLISHVILI, G.A. (Tbilisi, J. Plekhanova, 62); CHAN MAN'-TYU

Some data on the problem of abdominal aortography. Vest. rent. i
rad. 35 no. 4:22-26 JI-Ag '60. (MIRA 14:2)

1. Iz gosspital'noy khirurgicheskoy kliniki (zav. - deystvitel'-
nyy chlen AMN SSSR prof. B.V. Petrovskiy) i urologicheskoy kliniki
(zav. - prof. I.M. Epshteyn) i Moskovskogo ordena Lenina
meditsinskogo instituta imeni I.M. Sechenova.
(ANGIOGRAPHY)

NATSVLISHVILI, G. A. (Tbilisi, ul. Plekhanova, d. 62)

Transcarotid aortography in the diagnosis of diseases of the thoracic
aorta. Grud. khir. no.4:20-27 '61. (MIRA 14:12)

1. Iz gosital'noy khirurgicheskoy kliniki (dir. - deystvitel'niy
chlen AMN SSSR prof. B. V. Petrovskiy) i Moskovskogo ordena Lenina
meditsinskogo instituta imeni I. M. Sechenova.

(ANGIOGRAPHY) (AORTA—DISEASES)